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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिवृत्तान्त और नोटिस
[Notifications and Notices issued by the Patent Office Relating to Patents and Designs]

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Calcutta, the 21st November 1987

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(1187)

CORRIGENDUM

1. In the Gazette of India Part III Section 2, dated 16-5-87 under the heading 'Complete Specification Accepted' on page 370 Column 1 in respect of Patent Specification No. 159433 :

Insert : Antedated to 8th May, 1980.

2. In the Gazette of India Part III Section 2, dated 16-5-87 under the heading 'Complete Specification Accepted' on page 369 Column 2 in respect of Patent Specification No. 159431 :

Insert : Complete Specification left on 10-12-1984.

3. In the Gazette of India Part III Section 2 dated 16th May, 1987 under the heading 'Complete Specification Accepted' on page 362 Column 2 in respect of Patent Specification No. 159408;

Insert : Complete Specification left on 4-8-1984.

4. In the Gazette of India Part III Section 2, dated 23-5-87 under the heading 'Complete Specification Accepted' on page 423 Column 2 in respect of Patent Specification No. 159540 :

Insert : Complete Specification left on 4th June, 1983.

5. In the Gazette of India Part III Section 2, dated 23-5-87 under the heading 'Complete Specification Accepted' on page 423 column 2 in respect of Patent Specification No. 159541 :

Insert : Complete Specification left on 5th March, 1983.

6. In the Gazette of India Part III Section 2, dated 23-5-87 under the heading 'Complete Specification Accepted' on page 405 Column 1 in respect of Patent Specification No. 159470.

Insert : Antedated to 16th July, 1979.

7. In the Gazette of India Part III Section 2, dated 23-5-87 under the heading 'Complete Specification Accepted' on page 402 Column 1 in respect of Patent Specification No. 159459.

Insert : Antedated to 17th September, 1979.

8. In the Gazette of India Part III Section 2, dated 30-5-87 under the heading 'Complete Specification Accepted' on page 446 column 1 in respect of Patent Specification No. 159592.

Insert : Complete specification left on 11th December, 1984.

9. In the Gazette of India Part III Section 2, dated 13-6-87 under the heading 'Complete Specification Accepted' on page 560 column 1 in respect of Patent Specification No. 159854.

Delete : Addition to case No. 36/Del/84 filed on 11th Jan, 1984.

10. In the Gazette of India Part III Section 2, dated 20-6-87 under the heading 'Complete Specification Accepted' on page 605 column 2 in respect of Patent Specification No. 159995.

Insert : Antedated to 15th October, 1980.

11. In the Gazette of India Part III Section 2, dated 27-6-87 under the heading 'Complete Specification Accepted' on page 695 column 2 in respect of Patent Specification No. 160195.

Insert : Antedated to 22nd September 1981.

12. In the Gazette of India Part III Section 2, dated 27-6-87 under the heading 'Complete Specification Accepted' on page 688 column 1 in respect of Patent Specification No. 160171.

Insert : Antedated to 10th April, 1981.

13. In the Gazette of India Part III Section 2, dated 27-6-87 under the heading 'Complete Specification

Accepted' on page 687 column 1 in respect of Patent Specification No. 160169.

Insert : Antedated to 7th August, 1981.

14. In the Gazette of India Part III Section 2, dated 27-6-87 under the heading 'Complete Specification Accepted' on page 682 column 1 in respect of Patent Specification No. 160149.

Insert : Complete Specification left on 9th July, 1984.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed under Section 135, of the Patent Act, 1970.

The 14th October, 1987

801/Cal/87. Hoechst Aktiengesellschaft. Process for the preparation of alkali salts of 1-hydroxy-naphthalene-2-carboxylic acid, and of 1-hydroxynaphthalene-2-carboxylic acid.

802/Cal/87. (1) Du Pont Canada Inc. (2) United Corrosion Consultants Ltd. In-situ method for lining pipe with polymeric liner. (Convention dated 4th November, 1986) United Kingdom.

The 15th October, 1987

803/Cal/87. Siemens Aktiengesellschaft. An earpiece arrangement for a telephone handset.

804/Cal/87. Hoechst Corporation. Improved iron-based mixtures.

805/Cal/87. WNC-Nitrochemie GmbH. Process for the preparation of propellant charge powder.

The 16th October, 1987

806/Cal/87. American Cynamid Company. Non-sintered metallic overcoated non-woven fiber mats.

807/Cal/87. General Electric Company. Curable polymer compositions comprising polyphenylene ethers and polyepoxides.

808/Cal/87. R. J. Reynolds Tobacco Company. Smoking Article—II. [Divisional dated 30th August, 1985].

809/Cal/87. R. J. Reynolds Tobacco Company. Smoking Article—I. [Divisional dated 30th August, 1985].

The 19th October, 1987

810/Cal/87. Electric Power Research Institute, Inc. Comolded polymer composites.

811/Cal/87. McConway & Torley Corporation. Knuckle structure to prevent knuckle pin failure in a railway coupler.

812/Cal/87. E.I. Du Pont De Nemours and Company. Improvements in polyester fiberfill.

813/Cal/87. E.I. Du Pont De Nemours and Company. Improvements in polyester fiberfill.

814/Cal/87. Aluminium Pechiney. Using an impregnated adsorbent resin to extract gallium from bayer liquors.

815/Cal/87. Georg Fischer AG. Pipe connecting member of plastics material.

816/Cal/87. Caroma Industries Limited. Dual flush cistern mechanism. (Convention dated 20th October, 1986 and 8th January, 1987) both are Australia.

APPLICATIONS FOR PATENTS FILED AT THE
PATENT OFFICE BRANCH,
61, WALLAJAH ROAD, MADRAS-600002

The 28th September, 1987

- 696/Mas/87. Gniyas Viswanath Shet. Anti Mosquito Mat Drops.
- 697/Mas/87. Normalair-Garrett Holdings Limited. Aircraft On-board gas generating apparatus. (October 1, 1986, U.K.).
- 698/Mas/87. British Telecommunications Public Limited Company. Language Translation System. (October 3, 1986).

The 29th September, 1987

- 699/Mas/87. Novatome. Device for cooling the main vessel of a fast-neutron nuclear reactor cooled by a liquid metal.
- 700/Mas/87. Mannesmann Aktiengesellschaft. An electrode carrier system.

The 30th September, 1987

- 701/Mas/87. Lucas Industries Public Limited Company. Brake Actuator. (October 3, 1986 : Great Britain).
- 702/Mas/87. Nippon Chemiphar Co. Ltd. A process for the preparation of 1, 3-Oxazolidine-2-one Derivative (Divisional to Patent Application No. 382/Mas/85).
- 703/Mas/87. Flakt AB. A method for cleansing gas and apparatus herefor (I).
- 704/Mas/87. Flakt AB. A method for cleansing gas and apparatus herefor (II).
- 705/Mas/87. Jonathan Lloyd Kiel. An apparatus for use in a chemiluminescent assay for the presence of an analyte. (Divisional to Patent Application No. 743/Mas/85).

The 1st October, 1987

- 706/Mas/87. Hoechst Aktiengesellschaft. The cloning and use of the transminase gene tyrB.
- 707/Mas/87. Chevron Research Company. Method for preparing group II metal overbased sulfurized alkylphenols.
- 708/Mas/87. Societe Des Produits Nestle S.A. Layered meat emulsion product and method of producing same.

The 5th October, 1987

- 709/Mas/87. Zellweger Uster AG. Apparatus for the automatic determination of characteristic magnitudes of textile material to be tested.
- 710/Mas/87. Zellweger Uster AG. Apparatus for the automatic determination of characteristic magnitudes of textile material to be tested.
- 711/Mas/87. Zellweger Uster AG. Apparatus for the automatic determination of characteristic magnitudes of textile material to be tested.
- 712/Mas/87. Zellweger Uster AG. Apparatus for the automatic determination of characteristic magnitudes of textile material to be tested.
- 713/Mas/87. Zellweger Uster AG. Apparatus for the automatic determination of characteristic magnitude of textile material to be tested.
- 714/Mas/87. Gullick Dobson Limited. Connection Devices. (October 2, 1986; Britain).

The 6th October, 1987

- 715/Mas/87. KMK Karl Maegerle Lizens AG. Method and apparatus for producing tubular bodies, particularly for packaging tubes.
- 716/Mas/87. KMK Karl Maegerle Lizenz AG. Method for joining overlapping edges of multi-layer foil, and a tubular liner produced according to the method.
- 717/Mas/87. BBC Brown Boveri AG. Method of producing beveled peripheral profile on a semiconductor disc.
- 718/Mas/87. Mannesmann Aktiengesellschaft. Continuous Casting mold.
- 719/Mas/87. Callaher Limited. Container. (October 13, 1986; Great Britain).

The 7th October, 1987

- 720/Mas/87. V. V. Thanga Thirupathy. Roll-over-less floating bed.
- 721/Mas/87. Henkel Kommanditgesellschaft auf Aktien. Coating and finishing compositions for leather.
- 722/Mas/87. Schlumberger Industries. A method of making cards, in particular memory cards.
- 723/Mas/87. Nippon Hacro Sharmrock Co., Ltd. Process for treating metal surface.
- 724/Mas/87. Pumpstech N. V. Flow measurement and monitoring system for positive displacement pumps and pumps equipped with this system.

The 8th October, 1987

- 725/Mas/87. Normalair-Carrett (Holdings) Limited. Low Pressure Breathing Regulators. (October 9, 1986; United Kingdom).

The 9th October, 1987

- 726/Mas/87. Krishnan Soundara Srinivasan & Mrs. Chandra Sathyanathan. A device for restricting electric power consumption and for providing protection against short-circuits and related faults.

ALTERATION OF DATE

161373. Ante dated to 27th June, 1981.
(190/Del/84).

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of the date as prescribed in Rule 36 of the Patents Rules, 1972.

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ing the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

CLASS : 32F₁.

161372

Int. Class : C07d 55/00.

A PROCESS FOR PREPARING A TRIAZOLE AND A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF.

Applicant : PFIZER CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE REPUBLIC OF PANAMA, OF CALLE 15., AVENIDA SANTIS ISABEL, COLON, REPUBLIC OF PANAMA.

Inventors : KENNETH RICHARDSON & GEOFFREY EDWARD GYMER.

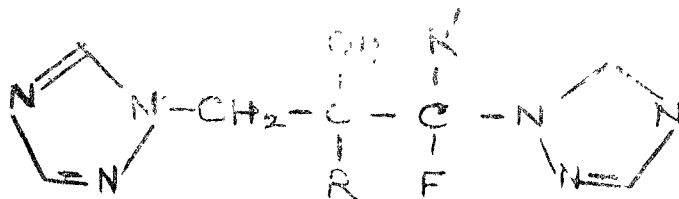
Application for Patent No. 161/Del/84 filed on 23rd February, 1984.

Convention date 25th February, 1983/8395377/(U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

11 claims

A process for preparing a triazole of the formula I



Formula 1

where R is phenyl optionally substituted by 1 to 3 substituents each independently selected from F, Cl, Br, I, CF₃, C₁-C₄ alkyl and C₁-C₄ alkoxy, or R is 5-chloro-pyrid-2-yl; R' is H, CH₃ or F; or a pharmaceutically or agriculturally acceptable salt thereof, characterised by reacting an oxirane of the formula II



Formula 2

where R and R' are as defined for formula (I), with 1,2,4-triazole or a base salt thereof in an organic solvent such as herein described at a temperature of from 40°—120°C followed by, optionally, conversion of the products of the formula (II) into a pharmaceutically or agriculturally acceptable salt, and/or, where appropriate, separation by known method of the product into its diastereomeric pairs.

Compl. Specn. 32 pages. Drgs. 7 sheets.

CLASS : 32 F₂(b).

151373

Int. Class : C07d—57/00.

A PROCESS FOR THE SYNTHESIS OF 3-SUBSTITUTED-9H-PYRIDO (3, 4-b) INDOLE CARBOXYLATE.

Applicant COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH RAJI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : ANIL KUMAR SAXENA, SHIV KUMAR AGARWAL, BRIJESH MALVIYA, HARISH CHANDRA AND NIITYA ANAND.

Application for Patent No. 190/Del/1984 filed on 29th February, 1984.

Divisional to 315/Del/1980 filed on 28th April, 1980.

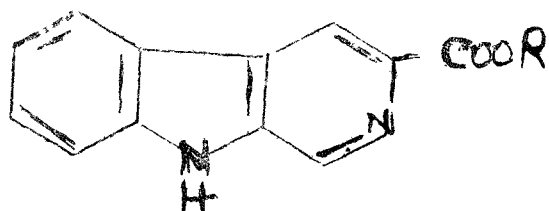
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

3 claims

Process for the synthesis of 3-substituted-9H-pyrido (3, 4-b)-indole carboxylate of formula II wherein R₁ is an alkyl radical such as herein described comprising subjecting the corresponding di-methyl-1, 2, 3, 4-tetrahydro-9H-pyrido (3, 4-b) indole 3-carboxylate of formula I wherein R₁ has the meaning given above, to dehydrogenation with sulphur and an organic hydrocarbon solvent like xylene or toluene.



Formula I



Formula II

Compl. Specn. 4 pages. Drg. 1 sheet.

CLASS : 162, 172D-8.

161374

Int. Class : D07b 3/00 & D01h 1/00.

AN APPARATUS FOR THE MANUFACTURE OF A DOUBLE PLY ROPE.

Applicant : MOHD SHAKIR QIDWAI TRADING AS VIKAS ENGINEERING CORPORATION PROPRIETARY FIRM OF MAUN MANDIR, AS SULTANPUR (U.P.), INDIA, AN INDIAN NATIONAL.

Inventor : MOHD SHAKIR QIDWAI.

Application for Patent No. 130/Del/84 filed on 22nd May, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

8 claims

An apparatus for the manufacture of a twisted rope from hard fibres comprising a frame for supporting a first twisting means and a second twisting means for twisting slivers into a first twisted strand and a second twisted strand, a drawing means for drawing said first and second twisted strands to form a twisted rope, crank shaft rotatably mounted on said frame and actuated by a pedal, a first drive gear mounted at one end of said crank shaft and disposed in meshing relationship with a gear provided on each of said twisting means, said gears of the twisting means being step up gears, a second drive gear mounted at the opposite end of said crank shaft, said drawing means having a flyer with a gear in meshing relationship with said second drive gear, said flyer being arranged to rotate a pair of conical cylinders of said drawing means and a fly wheel rotatably mounted on said frame and secured to said flyer.

Compl. Specn. 12 pages. Drg. sheet 1.

CLASS : 71F.

161375

Int. Class : B 21b 43/00.

A SHIELD IN COMBINATION WITH A WELLHEAD AND FUNCTIONAL MODULES OF AN UNDERSEA STATION.

Applicant : SOCIETE NATIONALE ELF AQUITAINE (PRODUCTION), A FRENCH COMPANY OF TOUR AQUITAINE, 92080 PARIS LA DEFENSE, FRANCE.

Inventor : YVON GASTEL.

Application for Patent No. 470/Del/84 filed on 8th June, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

10 claims

A shield in combination with a well head and functional modules of an undersea station, said shield protecting said well head and functional modules such as connection modules (PJU), peripheral control and checking modules (CJU) and main control modules (CSC), each of the said modules having at least one central bearing shaft or guide columns, said shield comprising a composite cushion consisting of a floor made of material less dense than water provided on a perforated metal sheet or grid and removably connected by means of deformable feet to a horizontal plate mounted at the top of the well head or module to be protected, said cushion having at a position, where said bearing shaft or said guide columns pass therethrough at least one opening in which is welded a sleeve capable of sliding along said bearing shaft or said guide columns.

Compl. Specn. 10 pages. Drgs. 2 sheets.

CLASS : 32F2().

161376

Int. Class : C07c 39/02.

AN IMPROVED ELECTROCHEMICAL PROCESS FOR THE REDUCTION OF NITROBENZENE TO p-AMINO PHENOLS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : HANDADY VENKATA KRISHNA UDUPA & NANJUNDA NAIK NAGENDRA.

Application for Patent No. 540/Del/84 filed on 4th July, 1984.

Complete Specn. left on 1st October, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

5 claims

A process for the electrolytic reduction of nitro-benzene to p-amino phenol by reducing a suspension of nitro-benzene in a supporting electrolyte of a mineral acid using rotating amalgamated cathodes characterised in that dilute sulphuric acid of strength upto 30% is used as the mineral acid and the reduction is effected at a temperature above 60°C using current density upto 40A/dm² using interrupted d.c. varying in frequency from 0.65 cycles/sec. to 50 cycles per second.

Provisional specification 7 pages.

Compl. Specn. 9 pages.

CLASS : 17Aa.

161377

Int. Class : C12c 7/00; 9/00 & 11/00.

PROCESS AND APPARATUS FOR THE PREPARATION OF A SWEET WORT.

Applicant : CLETRAL, A FRENCH COMPANY, OF 15 RUE PASQUIER, 75008 PARIS FRANCE.

Inventor : MICHEL BILLON.

Application for Patent No. 571/Del/84 filed on 11th July, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

12 claims

Process for the preparation of a sweet wort from at least one cereal such as herein described and a hydrolyzing substances, in which the cereal is mashed with water then mixed with a hydrolyzing substances introducing enzymes such as herein defined up to the extent of about 40% to undergo a saccharification treatment, in which process, the cereal is before mashing subjected to a cooking extrusion treatment carried out at a temperature of at least 100°C, by passage continuously of the cereal, about 5% of water for the bursting of the starch grain and wherein the extruded material is then meshed and subjected to a saccharification treatment carried out by a progressive heating in the presence of said hydrolyzing substance, until the production of the sweet wort.

Compl. Specn. 15 pages. Drgs. 2 sheets.

CLASS : 151 D & C.

161378

Int. Class : F161 37/00.

A FLEXIBLE PIPE.

Applicant : SVEN RUNO VILHELM GEBELIUS, A SWEDISH CITIZEN. OF DROTTHINGHOLMSVAGEN 195, S-161 36 BROMMA, SWEDEN.

Inventor : SVEN RUNO VILHELM GEBELIUS.

Application for Patent No. 674/Del/84 filed on 24th August, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

5 claims

A continuous flexible pipe of conventional materials having substantially smooth surface tubular portions (1, 1', 2, 2') separated from each other by corrugated tubular portions (3, 3' 3''; 4, 4', 4'') having waves, folds or embossments, completely or partially on the walls of said corrugated tubular portions and to take up axial displacement movements with regard to the location of adjacent smooth surface tubular portions (1, 1', 2, 2') in relation to each other and/or changes in angular movements between said adjacent smooth surface tubular portions.

Compl. Specn. 11 pages.

Drgs. 2 sheets.

CLASS : 35B%

161379

Int. Class : C04b 7/36.

Applicant : NATIONAL COUNCIL FOR CEMENT AND BUILDING MATERIALS, M-10, SOUTH EXTENSION II, RING ROAD, NEW DELHI-110049, INDIA AN INDIAN INSTITUTE.

Inventor : VINAY KUMAR JAIN.

Application for Patent No. 704 Del/84 filed on 6th September, 1984.

Complete specification left on 6th September, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

4 claims

A nodulizer for a vertical shaft kiln comprising a rotatable pan having an inlet for introduction of a raw mix an inlet for introduction of water, characterized in that said pan comprises at least a first sleeve and a second sleeve, the second sleeve having a diameter greater than the diameter of said first sleeve, and an inner wall and an outer wall spaced from each other, said inner wall having a height smaller than said outer wall.

Compl. Specn. 9 pages. Drg. 1 sheet.

CLASS : 40F, 56G, 84C.

161380

Int. Class : F 23b 1/00, C 10b 49/00, B01 1/00 & 7/00.

PLANT FOR TREATING A COMBUSTIBLE MATERIAL.

Applicant : CREUSOT-LOIRE, A FRENCH COMPANY, OF 42 RUE D'ANJOU, 75008 PARIS, FRANCE.

Inventors : LUC RATOUIS, GERARD DREYFUSS.

Application for Patent No. 736/Del/84 filed on 19-9-84.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

9 claims

Plant for treating a combustible material by circulating hot gases, comprising an elongated combustion chamber having a flat bottom, feeding means located at the upstream end of said combustion chamber for feeding said material in the form of a layer into said combustion chamber, discharge means located at the downstream end of said combustion chamber for discharging the treated material, means for introducing hot gases above said layer of material, said hot gases introducing means being located at the downstream end of said combustion chamber and above said discharge means, means for sucking hot gases through at least one permeable section, said suction means being located at least at said downstream end of said bottom, a spillway for determining the thickness of said material through which said hot gases pass, said spillway being located at said downstream end and between said suction means and said discharge means, a rotatably mounted element located at said downstream end and adjacent said spillway for controlling the flow of said treated material at an adjustable rate, means for measuring the temperature of the sucked gases located below said permeable section and means for adjusting, via said control element, the rate at which the treated material is discharged in accordance with the variation in the measured temperature of the gases with respect to a predetermined temperature corresponding to the optimum operating conditions, said adjusting means being connected between said rotatable element and said temperature measuring means.

Compl. Specn. 21 pages. Drg. 2 sheets.

CLASS : 33-D.

161381

Int. Cl. : B 22 d 27/20.

APPARATUS FOR GROWING CRYSTALLINE BODIES, IN PARTICULAR A DENDRITIC WEB.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors: 1. CHARLES STUART DUNCAN, 2. PAUL ANTHONY PIOTROWSKI, 3. MARIA ELIZABETH SKUTCH, 4. JAMES PAUL MCHUGH.

Application No. 9/Cal/83 filed January 3, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

12 claims

Apparatus for growing crystalline bodies, in particular a dendritic web, from amelt, said apparatus comprising a susceptor adapted to be heated and comprising a body within which a crucible is mounted, said crucible adapted to contain a melt of material from which the web is to be grown and comprising means for separating the interior of the crucible into a growth region and a replenishment region characterised by means in the body of the said susceptor providing a region of thermal discontinuity in relatively close proximity to said crucible separating means whereby heat transfer in the said susceptor body is modified to provide a non-linear change in temperature gradient between the growth and the replenishment region.

Compl. Specn. 10 pages. Drgs. 2 sheets.

CLASS : 172-A.

161382

Int. Cl. D 01 h 13/00.

A BOBBIN.

Applicant & Inventor : MRS. GERHILD SCHLOTTER, OF AM SCHLOSSLE 1, 293 BAD WORISHOFEN, REPUBLIC OF GERMANY.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 claims

A bobbin for yarn and the like, comprising a hollow cylindrical shaft-like core and two flanges of circular ring shape secured to the ends of the core, characterized in that each flange is releasably secured by means of a screw threaded into internal threads provided at the two respective ends of the core of the bobbin, each screw having a screw head which projects radially outwardly beyond the core and the outer surface of each screw head bears against the inner surface of the corresponding flange.

Compl. Specn. 9 pages. Drg. 1 sheet.

CLASS : 34-A + 90-F.

161383

Int. Cl. C 03 b 37/00.

A FEEDER FOR SUPPLYING STREAMS OF HEAT SOFTENED MINERAL MATERIAL FILAMENT OF FORMING CONDITION FOR USE IN AN APPARATUS FOR ATTENUATING HEAT-SOFTENED MINERAL MATERIALS AND APPARATUS HAVING SAID FEEDER.

Applicant : OWENS-CORNING FIBERGLAS CORPORATION, AT TOLEDO, OHIO, UNITED STATES OF AMERICA.

Inventors : 1. LAWRENCE JEROME GRUBKA, 2. CLEARANCE EDWARD FRACKER JR.

Application No. 796/Cal/83 filed June 27, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 claims

A feeder for supplying streams of heat-softened mineral material in filament forming condition for use in an apparatus for attenuating heat-softened mineral materials said feeder comprising an enclosed spaced to hold molten or heat softened mineral material, a bottom wall of high temperature resistant material having orifices therethrough, supply means associated with said feeder for supplying heat-softened mineral material to one side of said bottom wall for discharge from the outlets of the said orifices as streams for attenuation into filaments; and flow resistance means positioned in spaced relation to the orificed bottom wall across the interior of said feeder in transvers direction in the supply path of the heat-softened

mineral material, the flow resistance means being adapted to be effective as the molten mineral material moves there-through during financial formation and adapted to reduce the pressure of the molten mineral material sufficiently at the orifices so that, upon a filament break at an orifice, flow of mineral material therefrom stops.

Compl. Specn. 42 pages, Drgs. 3 sheets.

CLASS : 14-D,

161384

Int. Cl. H 01 m 27 00, 27/04.

FUEL CELL AND AN ANODE WITHIN.

Applicant : ENERGY CONVERSION DEVICES, INC., OF 1675 WEST MAPLE ROAD, TROY, MI 48064, UNITED STATES OF AMERICA.

Inventors : 1. STANFORD ROBERT OVSHINSKY, 2. KRISHNA SAPRU, 3. ARIE RFGFR.

Application No. 868/Cal/83 filed July 13, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 claims

A fuel cell comprising :

at least one anode for efficient hydrogen oxidation, said anode being formed a multicomponent compositionally disordered catalytic material said anode including a host matrix having at least one transition element and incorporating at least one modifier element;

a casing having said anode positioned therein;

at least one cathode capable of oxygen reduction positioned within said casing and spaced from said anode; and

an electrolyte in contact with both said cathode and said anode.

Compl. Specn. 34 pages, Drg 1 sheet.

CLASS : 146-D,

161385

Int. Cl. C 03 c 3/00; G 02 b 1/00.

A METHOD OF FORMING A HIGH PURITY GLASS ARTICLE.

Applicant : CORNING GLASS WORKS, OF CORNING, NEW YORK, N.Y. 14831, UNITED STATES OF AMERICA.

Inventor : 1. GEORGE EDWARD BERKEY.

Application No. 928/Cal/83 filed July 26, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

8 claims

A method of forming a high purity glass article comprising the steps of :

providing a substantially cylindrical mandrel (20), rotating said mandrel (20),

directing a stream of glass particles (96, 98) toward said mandrel (20),

reciprocatingly moving said stream (96, 98) longitudinally with respect to said mandrel (20), the combined action of the rotation of said mandrel (20) and the reciprocating movement of said stream (96, 98) with respect to the mandrel (20) causing said stream (96, 98) to impinge upon said mandrel (20) along a spiral path, continued deposition of said particles causing a coating of uniform thickness to be built upon said mandrel (20),

removing said mandrel (20) to form a tubular porous glass preform having an aperture (42), and

consolidating said porous glass preform to form a tubular glass article (40), characterized by depositing the first plurality of layers of glass particles on the surface of said mandrel (20) at a deposition rate that is sufficiently low that no spiral pattern of deposited glass particles is visible, whereby the aperture-forming surface of said tubular glass article (40) is free from devitrification.

Compl. Specn. 31 pages Drgs. 4 sheets

CLASS : 32-E,

161386

Int. Cl. C 08 f 1 00; B 01 j 1/00.

PROCESS FOR PRODUCING BIOSPECIFIC POLYMER DEVICES.

Applicant : 1. BIOSPECIFIC TECHNOLOGIES, INC., AT 7528 AUBURN ROAD, PAINESVILLE, OHIO 44077, UNITED STATES OF AMERICA; (2) DIAMOND SHAM-ROCK CHEMICALS COMPANY, AT 717 NORTH HARBWOOD STATE DALLAS, TEXAS 75201, U.S.A.

Inventors : 1. ROBERT DALE JARRETT, 2. GEORGE HOWARD MCCAIN.

Application No. 997/Cal/83 filed August 11, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

14 claims

A process for producing a biospecific polymer device, which comprises treating a biocompatible polymer support with an activating agent and attaching a biological or biologicals such as herein described or optionally a spacer having at least one functional group reactive with the activated biocompatible polymer support, the reaction being conducted for sufficient period of time to allow said biological or biologicals or optional spacer to covalently bond to said biocompatible polymer support, optionally treating the polymer support-spacer with a second activating agent and immobilizing a biological or biologicals having at least one functional group reactive with the activated polymer support-spacer, the reaction being conducted for a sufficient period of time to allow said biological or biologicals to covalently bond to said polymer support-spacer and wherein the biological or biologicals are of a size that they do not penetrate the matrix of said biocompatible polymer support.

Compl. Specn. 40 pages, Drg nil.

CLASS : 133-A,

161387

Int. Cl. H 02 p 7/00.

A SYSTEM FOR VECTOR CONTROL OF THE SPEED OF AN INDUCTION MOTOR.

Applicant : HITACHI LTD., OF JAPAN, 6, KANADA SURUGADAI 4-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventor : 1. TOSHIKI OKUYAMA.

Application No. 1214 Cal/83 filed October 3, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

4 claims

A system for vector control of the speed of an induction motor by independent control of torque current component and exciting current component of the primary current supplied to said motor through control of amplitude and frequency of the primary current comprises means for detecting the motor voltage, means for resolving the motor voltage into a vector component (ed) parallel to exciting current component of the primary current and a vector component (eq) perpendicular to said exciting current component, and means

for controlling the frequency of the primary current so that the vector component (ed) of the motor voltage is reduced to zero and also for controlling the primary current in accordance with the difference between said vector component (eq) and a speed command signal.

Compl. Specn. 31 pages, Drgs. 8 sheets.

CLASS : 27-I. 161388

Int. Cl. E 02 d 3/00.

STABILIZING CLAY SOIL WITH HYDROXY-ALUMINIUM AND CELLULOSIC POLYMERS.

Applicant : CHEVRON RESEARCH COMPANY, OF 525 MARKET STREET, SAN FRANCISCO, CALIFORNIA, UNITED STATES OF AMERICA.

Inventors : 1. ODD RAGMAR BRYHN, 2. TOR LOKEN.

Application No. 1345/Cal/83 filed November 1, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 claims

In a method of stabilizing clay soil having a high water content by mixing an effective amount of dry hydroxy-aluminum with the clay soil, the improvement comprising adding to the hydroxy-aluminum an effective amount of cellulosic polymer to deactivate water and thereby assist in preventing such water from fluidizing the clay soil; the amount of hydroxy-aluminum mixed with clay being between about 5% by weight and 70% by weight and amount of carboxymethyl cellulose being between about 1% by weight and 20% by weight of the pore water contained in said clay.

Compl. Specn. 8 pages, Drgs. 3 sheets

CLASS : 88-D. 161389

Int. Cl. F 17 c 13/00.

COMBINED DEVICE FOR MONITORING GAS CONTENT OF LPG CYLINDER, WITH AUDIO-VISUAL WARNING ALARM.

Applicants & Inventors : NABA KUMAR BANDOPADHAY AND SMT. SRUTI BANDOPADHAY, BOTH OF 144, JODHPUR PARK, CALCUTTA-700068 WEST BENGAL, INDIA.

Application No. 1367/Cal/83 filed November 5 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

28 claims

A combined device for monitoring the gas content of an LPG cylinder and that for continuous detection and monitoring of consumption/leakage/pilferage of the gas in operative and/or non-operative condition of the cylinder with simultaneous audio-visual warning alarm, against leakage/pilferage of the gas, and in case of the gas content of the cylinder going below a preselected quantity comprising a base having telescopically mounted thereon a platform against predetermined spring tension, on which platform an LPG cylinder is to be placed, each of said base and platform being provided at the centre thereof with motion translating means for converting the relative linear movement between the platform and the base, caused by the varying load of the cylinder, either to rotational movement of a pointer against a precalibrated scale, proportional to the said relative linear movement or to electrical signal voltage proportional to the said relative linear movement, said signal voltages being adapted to be used for amplifying and indicating the quantum of the said relative linear movement, and means provided in situ or in remote location(s) for producing audible or audio visual alarm with movement of the said pointer or with the generation of said electrical signal voltages, under desired conditions.

Compl. Specn. 26 pages, Drgs. 2 sheets.

CLASS : 70-B.

161390

Int. Cl. B 01 k 3/02.

AN IMPROVED HYDROGEN-EVOLUTION ELECTRODE AND A METHOD OF PRODUCING THE SAME.

Applicant : ASAHI KASEI KOGYO KABUSHIKI KAISHA, OF 2-6, DOJIMAIHAMA 1-CHOME, KITA-KU, OSAKA-SHI, OSAKA, JAPAN

Inventors : 1. HIROYUKI SHIROKI, 2. YASHUhide NOAKI

Application No. 1397/Cal/83 filed November 15 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

7 claims

A hydrogen-evolution electrode comprising an electrically conductive substrate such as herein described having thereon a coating comprising a chromium component such as herein described and an oxide of at least one metal selected from the group consisting of nickel and cobalt, said chromium component being present in a proportion, in terms of atomic percentage, of 0.5 to 20%, said atomic percentage being defined by the following formula

$$\frac{A_{Cr}}{A_T} \times 100 \quad (I)$$

wherein A_{Cr} represents the number of chromium atoms in the coating and A_T represents the total number of atoms of chromium and said at least one metal in the coating.

Compl. Specn. 65 pages, Drgs. 5 sheets

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REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the entry is the date of registration of the design included in the entry.

CLASS. 1. No. 158261. Swatj Power Transmission Private Limited, 61, Tarun Bharat, Chakala, Andheri (East), Bombay-400099, Maharashtra, India, a Private Limited Company incorporated under the Indian Companies Act. "Variable Speed Pulley". 21st April, 1987.

CLASS. 1. No. 158380. Maana Art Welfare, 713/62-63, Chaukaghat, Varanasi, U.P., India, an Indian Partnership Firm. "Singhasan". 2nd June, 1987.

Class. 3. No. 158246. R & C Products Pty. Limited, an Australian Company incorporated under the laws of the Australian Capital Territory of 845 Pacific Highway, Chatswood, New South Wales, Australia. "Insecticidal Device". Reciprocity date is 3rd November, 1986. (Australia).

Class. 5. Nos. 158248, 15849, 158251, 158252, 158253, 158254, GTC Industries Limited, (an Indian Company), at Tobacco House, Vile Parle, Bombay-400 056, State of Maharashtra, India. "Cigarette Packet". 20th April, 1987.

Class 5. Nos. 158278, 158279, 158280, 158281. Nirma Chemical Works (Proprietor S.K. Patel Family Trust), Register Trust, of Plot No. 32, Vatva Industrial Estate, Pharmaceutical Zone, Opp. Choksi Tube, G.I.D.C. Vatva 382445 State of Gujarat, India. "Toilet Soap". 29th April, 1987.

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 Designs and Trade Marks.*

